

ABSTRACT OF THE DISCLOSURE

A method for managing a back-end information storage infrastructure and a flexible development environment for data storage using a computer system. The method includes managing system resources including a relational database. Meta data models are created to model processes and to define meta data elements and their relationships by using trees and graphs. The method manages access to the data by authenticating users through a directory describing user rights, while providing management of multi-user access and concurrency. The method includes running the processes that generate instance data, storing the instance data following the meta data model, and transforming the instance data into physical views.

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